

Title (en)

SHIFTING DEVICE FOR SHIFTING BETWEEN DIFFERENT OPERATING STATES OF A MOTOR VEHICLE TRANSMISSION

Title (de)

SCHALTVORRICHTUNG ZUM UMSCHALTEN ZWISCHEN UNTERSCHIEDLICHEN BETRIEBSZUSTÄNDEN EINES KRAFTFAHRZEUGGETRIEBES

Title (fr)

DISPOSITIF DE COMMUTATION POUR PASSER ENTRE DIFFERENTS ETATS DE FONCTIONNEMENT D'UNE BOITE DE VITESSES D'AUTOMOBILE

Publication

EP 1266155 A1 20021218 (DE)

Application

EP 02702219 A 20020122

Priority

- DE 0200189 W 20020122
- DE 10102843 A 20010122

Abstract (en)

[origin: WO02057658A1] A shifting device for shifting between different operating states of a motor vehicle transmission comprises a shift lever (1), which is displaceably mounted in a fixing device, can be displaced in a first direction between two shifting paths (A, B) and which can also be displaced in a second direction along a first of the two shifting paths (A) and into three shifting positions (X, Y, Z). The shifting device comprises a signal transmitter for supplying a transmitter signal (5) and comprises three sensors (2, 3, 4), which are located at a distance from the signal transmitter while arranged in the form of a triangle and which are provided for detecting the transmitter signal. The sensors (2, 3, 4) and the signal transmitter can be displaced in relation to one another by means of the shift lever (1). The sensors (2, 3, 4) at least indirectly supply the electric signals that characterize the respective shifting position to an evaluation device by means of which the transmission can be placed in different operating states according to the electric signals. The signal transmitter is designed so that the transmitter signal (5) covers, at the location of the sensors (2, 3, 4), an area that is greater than or equal to the area of a rectangle, in which the triangle can be provided in a congruent manner. One side of the rectangle extends parallel to the first shifting path (A) and, in a first of the three shifting positions (X), all three sensors (2, 3, 4) interact with the transmitter signal.

IPC 1-7

F16H 59/04

IPC 8 full level

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CPC (source: EP US)

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